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Annual Report

to the

Bedlingtonshire Urban District Council

for the year

1966

by the

MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR



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PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

Medical Officer of Health	-	Alexander Donaldson, M.B., Ch.B., D.P.H.
Chief Public Health Inspector		
Meat and Foods Inspector		
Shops Inspector	- - - - -	R. W. Cowans, M.A.P.H.I.
Additional Public Health Inspector		
and		
Meat and Foods Inspector	- - - - -	J. Colpitts, M.A.P.H.I.
Student Public Health Inspector	- - - - -	A. Hutchinson
Health Department Typist	- - - - -	Mrs. Patricia Duffell
Rodent Operator	- - - - -	G. W. Yarrow
Offices	- - - - -	Front Street, Bedlington
Telephone	- - - - -	Bedlington 2121

STATISTICS AND CONDITIONS OF THE AREA

Area in acres	... ..	9,025
Registrar General's Estimate of the Resident Population		
	Mid 1966	30,940
Rateable Value (at 31st March, 1967)	... ..	£1,206,212
Penny Rate Produces	... ..	£4,900
Number of Inhabited Houses	... ..	10,097
Number of Council Houses	... ..	4,248

THE ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1966

Mr. Chairman and Councillors.

I beg to present to you the Annual Report of the Medical Officer of Health concerning the health and sanitary conditions of the Urban District for 1966.

The Registrar General's estimate of population for 1966 shows an increase of 19 to 30,940. Births decreased by 63 from 535 in 1965 to 472 in 1966 and the uncorrected birth rate fell to 15.2 per 1,000 population.

The number of deaths during 1966 was 329, one less than in 1965 and the death rate remained at 10.6 per 1,000 population.

It is disappointing to record a considerable rise in infant deaths—14 compared to 7 in 1965. The infant death rate rose to 29.6 per 1,000 live births. Seven of the deaths were over 4 weeks and seven were under 1 week. Two deaths were due to asphyxiation due to choking on food or vomitus. It could be suggested that these deaths might have been preventable.

There were 196 cases of infectious disease notified during the year—161 measles. Four cases of food poisoning were notified and three of these were traced to a food shop outside the district. There were no cases of diphtheria or whooping cough notified. The success of immunisation in preventing diphtheria, whooping cough and poliomyelitis may well have the effect of introducing a feeling of "immunisation doesn't matter now" into the community. Nothing could be further from the truth. Unless a high immunisation state is maintained, tragedies will occur. Unless babies and school children are protected, unnecessary deaths will occur.

The Council continues to contribute to the welfare of old people by supporting the activities of the Old People's Welfare Committee and 1,655 chiropody appointments were made.

The Meals on Wheels Service, under the guidance of the W.R.V.S., provided 3,698 meals during the year. It is unfortunate that the service cannot easily be extended. The difficulty lies in getting suitable meals cooked and transport for supplying them.

I wish to thank the Chairman and the Health Committee for their support and my colleagues in other departments for their co-operation. The staff of the Health Department have once again carried out their duties conscientiously. Much of their work is routine and unspectacular but exceedingly important to the safety and welfare of the community. I wish to thank them all for their support and loyalty.

I am,

Your obedient Servant.

ALEXANDER DONALDSON,

Medical Officer of Health.

Comparison of Vital Statistics (1966) with those of 1965

Comparability Factor: Births 0.98, Deaths 1.28

	1965	1966
Population	30,930	30,940
Live Births	535	472
Live Birth Rate per 1,000 population (uncorrected)	17.3	15.2
Live Birth Rate per 1,000 population (standardised)	16.9	14.8
Illegitimate Live Birth % of total Live Births ...	3.9	4.6
Still Births	11	12
Still Birth Rate per 1,000 live and Still Births ...	20.1	24.7
Still Birth Rate per 1,000 population	0.35	0.38
Total Live and Still Births	546	482
Early Neo-Natal Deaths (under 1 week) ...	4	7
Early Neo-Natal Mortality Rate (Deaths under 1 week per 1,000 Live Births)	7.4	14.8
Perinatal Mortality Rate (Still Births and Deaths under 1 week per 1,000 Live and Still Births)	27.4	39.2
Neo-Natal Deaths (under 4 weeks)	4	7
Neo-Natal Death Rate (Deaths under 4 weeks per 1,000 Live Births)	7.4	14.8
Infant Deaths (under 1 year)	7	14
Infant Mortality Rate (Infant Deaths per 1,000 Live Births)	13.0	29.6
Maternal Deaths (Including Abortion)	0	0
Maternal Mortality Rate (Maternal Deaths per 1,000 Live and Still Births)	0	0
Deaths	330	329
Crude Death Rate per 1,000 population	10.6	10.6
Standardised Death Rate per 1,000 population ...	13.4	13.5
Deaths over 65 years	210	213
Child Deaths 1—4 inclusive	0	2
Tuberculosis Death Rate per 1,000 population ...	0.03	0.03
Pulmonary Tuberculosis Case Rate per 1,000 population	2.8	2.7

CAUSES OF DEATH, 1966

Code No.	International Classification	M.	F.	Total
002	Pulmonary Tuberculosis	1	—	1
144	Malignant Neoplasm of Mouth	1	—	1
148	Malignant Neoplasm of Pharynx	—	1	1
150	Malignant Neoplasm of Oesophagus	4	1	5
151	Malignant Neoplasm of Stomach	9	6	15
153	Malignant Neoplasm of Large Bowel	1	2	3
154	Malignant Neoplasm of Rectum	3	1	4
157	Malignant Neoplasm of Pancreas	1	1	2
162	Malignant Neoplasm of Bronchus and Lung	18	1	19
170	Malignant Neoplasm of Breast	—	2	2
171	Malignant Neoplasm of Cervix Uteri	—	2	2
172	Malignant Neoplasm of Corpus Uteri	—	2	2
175	Malignant Neoplasm of Ovary	—	2	2
175.9	Malignant Neoplasm of Pelvis	—	1	1
176.1	Malignant Neoplasm of Vagina	—	1	1
177	Malignant Neoplasm of Prostate	2	—	2
180	Malignant Neoplasm of Kidney	—	4	4
181	Malignant Neoplasm of Bladder	3	1	4
199	Malignant Neoplasm of unspecified site	—	1	1
204.1	Myeloid Leukaemia (Chronic)	—	1	1
204.3	Myeloid Leukaemia (Acute)	1	—	1
241	Asthma	1	1	2
330	Subarachnoid Haemorrhage	1	3	4
331	Cerebral Haemorrhage	11	10	21
332	Cerebral Embolism or Thrombosis	9	2	11
334	Hypertensive Encephalopathy	1	—	1
345	Multiple Sclerosis	—	2	2
355	Brain Stem Degeneration	1	—	1
357	Ataxic Paraplegia	1	—	1
410	Mitral Disease	—	1	1
420	Arteriosclerotic Heart Disease	1	—	1
420.1	Coronary Artery Disease	42	25	67
421.4	Valvular Heart Disease	—	1	1
422	Cardio-Vascular Degeneration	11	8	19
422.2	Myocardial Degeneration with Senility	9	5	14
433.1	Auricular Fibrillation	1	—	1
434.1	Congestive Heart Failure	6	8	14
434.2	Left Ventricular Failure	—	4	4
434.4	Cor Pulmonale	2	—	2
442	Cardio-Renal Failure	1	—	1
450.1	General Arteriosclerosis with Gangrene	1	—	1
491	Broncho Pneumonia	9	4	13
492	Primary Atypical Pneumonia	—	2	2
502	Chronic Bronchitis	12	1	13
518	Emphysema	1	—	1
522	Hypostatic Pneumonia	1	1	2
523.3	Pneumoconiosis	1	—	1
525	Chronic Chest Infection	1	1	2
526	Bronchiectasis	1	1	2
541	Duodenal Ulcer	1	—	1
541.1	Duodenal Ulcer with Perforation	1	—	1
571	Gastro-Enteritis	—	1	1

Code No.	International Classification							M.	F.	Total
584	Hepatic Failure, Cholelithiasis ...	...	...	...	...	...	...	1	—	1
586	Cholecystectomy ...	...	...	...	...	...	...	1	—	1
592	Chronic Nephritis ...	...	...	...	...	...	...	1	—	1
600	Pyelonephritis ...	...	...	...	...	...	...	2	1	3
601	Hydro Nephrosis ...	...	...	...	...	...	...	1	—	1
751	Spina-Bifida ...	...	...	...	...	...	...	—	1	1
754	Congenital Heart Disease (Tetralogy of Fallot) ...	...	...	...	...	...	...	—	1	1
754·4	Fibroelastosis Cordis ...	...	...	...	...	...	...	—	1	1
754·5	Congenital Heart Disease Unspecified ...	...	...	...	...	...	...	—	1	1
757·3	Multiple Congenital Defects of Renal System ...	...	...	...	...	...	...	1	—	1
760	Intracranial Damage at Birth ...	...	...	...	...	...	...	1	—	1
762	Atelectasis ...	...	...	...	...	...	...	—	1	1
776	Prematurity ...	...	...	...	...	...	...	2	1	3
792	Uraemia ...	...	...	...	...	...	...	1	2	3
794	Senility ...	...	...	...	...	...	...	—	1	1
E 815	Motor Car Accident (with another vehicle) ...	...	...	...	...	...	...	1	—	1
E 823	Motor Car Accident (running off road) ...	...	...	...	...	...	...	1	—	1
E 871	Accidental Barbiturate Poisoning ...	...	...	...	...	...	...	1	—	1
E 902	Accidental Fall from Pit Cage ...	...	...	...	...	...	...	1	—	1
E 903	Accidental Fall at Ground Level ...	...	...	...	...	...	...	—	3	3
E 910	Fall of Earth or Stone ...	...	...	...	...	...	...	1	—	1
E 912	Accidental Crushing against Pit Cutting Machine ...	...	...	...	...	...	...	1	—	1
E 916	Accidental Burns while Cooking on Oil Stove... ..	...	...	...	...	...	...	—	1	1
E 929	Accidental Drowning ...	...	...	...	...	...	...	3	1	4
E 936	Accidental Head Injury ...	...	...	...	...	...	...	1	—	1
E 970	Suicide (Barbiturate Overdose) ...	...	...	...	...	...	...	2	2	4
N 801	Fracture of Base of Skull ...	...	...	...	...	...	...	2	—	2
N 933	Asphyxia, Inhalation of Vomit	2	2	4
N 972	Poisoning, Overdose of Aspirin	—	1	1

198	131	329
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INFANT MORTALITY RATE, 1957-1966

	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Diarrhoea and Enteritis under 2 years	—	—	—	—	2	—	—	—	—	1
No. of Infant deaths under 1 year	10	18	9	10	13	18	18	11	7	14
Infant mortality rate per 1,000 Live Births... ..	20.2	39.3	18.6	21.5	26.2	32.9	32.8	18.9	13.0	29.6

DEATHS UNDER ONE YEAR, 1966

No.	Age	Sex	Place of Death	Cause of Death
1	9 months	F.	Home	Asphyxia, Inhalation of Vomit
2	3 days	F.	Hospital	Congenital Heart Disease
3	5 months	F.	Home	Meningo-Myelocoele
4	2 hours	F.	Hospital	Cerebral Anoxia (Contracted Pelvis)
5	5 months	F.	Home	Congenital Heart Disease
6	9 months	M.	Hospital	Brain Stem Degeneration
7	10 minutes	M.	Hospital	Prematurity
8	7 months	F.	Hospital	Endocardial Fibroclastosis
9	1 month	M.	Home	Asphyxia, Inhalation of Vomit
10	1 hour	M.	Home	Renal Neoplasm
11	1 month	F.	Hospital	Gastro Enteritis
12	5 days	M.	Hospital	Cerebral Haemorrhage
13	13 hours	M.	Hospital	Prematurity (Twin Pregnancy)
14	11 hours	F.	Hospital	Prematurity (Twin Pregnancy)

CHILD DEATHS

There were Four Child Deaths—all Male.

1. 3 years—Head Injury, Accident.
2. 5 years—Drowning, Accident.
3. 6 years—Drowning—Accident.
4. 3 years—Broncho-Pneumonia.

There was one Death under 2 years—due to Gastro-Enteritis.

DEATHS EACH MONTH DURING, 1966

Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
33	42	38	18	27	26	17	20	24	18	33	33	329

**Table Showing Still Births, Deaths under 1 week,
Neonatal and Infant Deaths 1957-1966**

Year	No. of Still Births	No. of Deaths under 1 week	Perinatal Deaths (Still Births and Deaths under 1 week)	Deaths under 1 month	Deaths under 1 year
1966	12	7	19	7	14
1965	11	4	15	4	7
1964	10	5	15	6	11
1963	14	8	22	10	18
1962	9	14	23	15	18
1961	7	6	13	10	13
1960	6	7	13	8	10
1959	12	5	17	6	9
1958	9	13	22	16	18
1957	17	6	23	7	10

BIRTHS, 1966

	Live Births		Still Births		Deaths of Infants Under 1 year		Deaths of Infants Under 4 weeks		Deaths of Infants Under 1 week	
	M	F	M	F	M	F	M	F	M	F
Total	235	237	7	5	6	8	4	3	4	3
Legitimate	225	225	7	5	6	8	4	3	4	3
Illegitimate	10	12	—	—	—	—	—	—	—	—

**STATISTICS FOR BEDLINGTONSHIRE U.D.C. FOR THE
TEN YEARS, 1957-1966**

Year	Population	Deaths	Death Rate	Live Births	Birth Rate	Infant Deaths	Infant Death Rate	Neo-natal Death Rate
1957	29,180	301	10·3	493	16·8	10	20·2	14·1
1958	29,290	297	10·1	458	15·6	18	39·3	34·9
1959	29,480	292	9·9	482	16·3	9	18·6	12·4
1960	29,710	322	10·8	464	15·6	10	21·5	17·2
1961	29,570	321	10·8	496	16·7	13	26·2	20·1
1962	30,110	324	10·7	546	18·1	18	32·9	27·4
1963	30,640	339	11·0	548	17·9	18	32·8	18·2
1964	30,670	329	10·7	586	19·1	11	18·9	10·2
1965	30,930	330	10·6	535	17·3	7	13·0	7·4
1966	30,940	329	10·6	472	15·2	14	29·6	14·8

DEATHS FROM CANCER SHOWING SITE OF DISEASE, 1957-1966

SITE	1966		1965		1964		1963		1962		1961		1960		1959		1958		1957	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
All Sites	43	30	47	25	36	24	27	28	36	27	34	32	36	28	38	20	39	21	31	21
Lung and Bronchus	18	1	14	1	18	1	13	1	12	2	12	3	11	2	11	—	12	4	10	—
Stomach	9	6	9	9	5	8	5	8	4	7	8	5	9	3	9	5	7	3	9	4
Remainder of Digestive System	10	6	9	3	4	5	3	2	11	12	7	10	10	12	9	9	11	6	6	3
Female Organs	—	10	—	9	—	6	—	11	—	4	—	8	—	6	—	4	—	6	—	7
Others	6	7	15	3	9	4	6	6	9	2	7	6	6	5	9	2	9	2	6	7

CANCER DEATHS, 1966—SITE AND AGE DISTRIBUTION

SITE OF DISEASE	MALE						FEMALE							
	0-25	26-35	36-45	46-55	56-65	Over 65	Total	0-25	26-35	36-45	46-55	56-65	Over 65	Total
Malignant Neoplasm of:														
Mouth ...	—	—	—	—	—	1	1	—	—	—	—	—	—	—
Pharynx ...	—	—	—	—	—	4	4	—	—	—	—	—	1	1
Oesophagus ...	—	—	—	—	3	6	9	—	—	—	—	1	5	6
Stomach ...	—	—	—	—	—	1	1	—	—	—	—	—	2	2
Large Bowel ...	—	—	1	1	—	1	3	—	—	—	—	—	1	1
Rectum...	—	—	—	—	1	—	1	—	—	—	—	—	1	1
Pancreas ...	—	—	—	2	7	8	18	—	—	—	—	—	1	1
Bronchus and Lung ...	—	—	1	—	—	—	—	—	—	—	—	—	2	2
Breast ...	—	—	—	—	—	—	—	—	—	—	2	—	—	2
Cervix Uteri ...	—	—	—	—	—	—	—	—	—	—	—	1	1	2
Corpus Uteri ...	—	—	—	—	—	—	—	—	—	—	—	—	2	2
Ovary ...	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Pelvis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vagina ...	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Prostate ...	—	—	—	—	—	2	2	—	—	—	—	—	—	—
Kidney ...	—	—	—	—	—	2	3	—	—	—	—	—	3	4
Bladder ...	—	—	—	1	—	2	—	—	—	—	—	—	1	1
Unspecified ...	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Chronic Myeloid Leukaemia	—	—	1	—	—	—	1	—	—	—	—	—	—	—
Acute Myeloid Leukaemia	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals ...	—	—	3	4	11	25	43	—	—	—	3	3	24	30

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASE, 1966

There were 196 notifications of infectious disease during 1966—of these, 161 were due to measles.

Measles

A non-epidemic year—161 cases notified mainly spread over the age group 2–6 years.

Pulmonary Tuberculosis

There were eight cases notified, all between the ages of 40–74 years. Five cases were over 60 years of age.

Typhoid Fever

One case was notified. A young schoolgirl who developed the disease immediately after having been sick with measles. In spite of a most meticulous search for the source of infection, no evidence was discovered that it was due to a carrier, water, milk or food.

Dysentery

There were fifteen cases of dysentery notified during the year. Some of these were discovered in the search for typhoid contacts and several symptomless carriers were traced. It was found that “Quixalin” was most effective in the treatment of both case and carrier and that the majority of patients became negative after a four day course of this drug.

Food Poisoning

There were four cases of food poisoning notified during the year and they constituted two minor outbreaks. The first outbreak involved three cases (two families) and ultimately the source of infection was traced to a food shop in an adjoining town where a symptomless carrier was discovered. The fourth was a single isolated case of undiscovered origin.

Diphtheria

There were no cases of diphtheria notified during the year.

TABLE SHOWING ANALYSIS OF NOTIFIED CASES OF
INFECTIOUS DISEASE UNDER AGE GROUPS, 1966

DISEASE	Under 1 year	1 year	2 years	3 years	4 years	5 years	6-10 years	11-15 years	16-25 years	26-35 years	36-45 years	46-55 years	56-65 years	Over 65 years	Not known	Total
Measles	3	18	26	27	14	46	27	—	—	—	—	—	—	—	—	161
Dysentery	1	—	1	1	1	5	5	—	—	—	—	—	1	—	—	15
Pulmonary Tuberculosis ...	—	—	—	—	—	—	—	—	—	—	1	2	3	2	—	8
Food Poisoning	—	1	—	—	—	—	—	—	1	1	1	—	—	—	—	4
Pneumonia	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	2
Whooping Cough	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	2
Scarlet Fever	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	2
Typhoid Fever	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Puerperal Pyrexia	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Totals	4	19	28	29	16	52	33	—	2	1	2	3	4	3	—	196

MEASLES, WHOOPING COUGH AND SCARLET FEVER
NOTIFICATIONS, 1957-1966

Year	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Measles... ..	748	7	470	4	711	18	623	94	406	161
Whooping Cough ...	77	15	10	5	8	2	5	3	—	2
Scarlet Fever	19	15	19	7	6	5	7	9	10	2

TUBERCULOSIS, 1966

Age Groups				New Cases				Deaths			
				Respiratory		Non-Resp.		Respiratory		Non-Resp.	
				M.	F.	M.	F.	M.	F.	M.	F.
0- 1 year	...	...	...	—	—	—	—	—	—	—	—
1- 5 years	...	...	...	—	—	—	—	—	—	—	—
6-15 years	...	...	...	—	—	—	—	—	—	—	—
16-25 years	...	...	...	—	—	—	—	—	—	—	—
26-35 years	...	...	...	—	—	—	—	—	—	—	—
36-45 years	...	...	...	1	—	—	—	1	—	—	—
46-55 years	...	...	...	1	2	—	—	—	—	—	—
56-65 years	...	...	...	1	1	—	—	—	—	—	—
Over 65 years	...	...	...	1	1	—	—	—	—	—	—
Totals	...	...	...	4	4	—	—	1	—	—	—
Grand Totals	...	...	...	8		—		1		—	

Notifications

Year	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Pulmonary ...	8	11	10	14	13	13	14	8	9	8
Non-Pulmonary	4	4	2	—	5	2	2	—	1	—

Deaths

Year	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Pulmonary ...	2	—	1	4	—	1	1	2	1	1
Non-Pulmonary	—	—	—	—	—	—	—	—	—	—

TUBERCULOSIS REGISTER ON 31st DECEMBER, 1966

Year	Pulmonary			Non-Pulmonary			Total Pulmonary and Non-Pulmonary		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1965	62	25	87	8	13	21	70	38	108
1966	60	24	84	8	13	21	68	37	105

DISINFESTATION

The following shows the separate properties treated for rat and mouse infestation in addition to the regular attention given to sewers and refuse tips.

Private houses	103
Council houses	86
Other Council Properties	1
Farms	10
Allotment Gardens	49
Business Premises	58

Work for the eradication of bed bugs was carried out at two Council houses and one private house and for cockroaches and other insects at 163 houses.

The number of bug infestations shows a reduction of eleven cases as compared with last year.

SEWERAGE AND SEWAGE DISPOSAL

Phase 2 of the Main Drainage Scheme to re-sewer the district will be completed when the "inverted siphon" is connected over the Sleekburn Valley. It is expected that work on this project will commence in the current year.

PET ANIMALS ACT, 1951

Two licences are in force authorising the keeping of pet shops, one at Front Street, Bedington, the other at Clayton Street, Bedlington. The premises are visited regularly and no infringements have been found.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

One boarding kennels at Bothalhaugh, Choppington, is licensed under this Act. A very high standard is maintained

WATER SUPPLY

The whole district is supplied by the County Borough of Tynemouth Water Undertaking. The water has been adequate and of good quality.

Water for the open-air swimming pool at Humford Mill is taken from the River Blyth, is of continuous flow and is sand filtered and chlorinated before entering the pool. The pool is open for four months of the year and during this time an attendance of 12,171 children and adults, in addition to season ticket holders and school parties, was recorded.

A total of 40 water samples were taken during the year, 36 from the swimming pool and 4 from the mains. These were all examined by the Public Health Laboratory with the results as given in the following table. In only 3 of the 40 samples were coliform bacilli isolated, a very good result considering the high degree of pollution of the river, especially in dry weather.

Fifteen houses in the district do not have a water supply within the house. Almost all will be dealt with under the Slum Clearance Programme.

WATER SAMPLES TAKEN, 1966

No. of Samples								Coliform Bacilli per 100 c.c.s
4	Mains Supply	...	...	...	...	...	...	Nil
33	Humford Mill Swimming Pool	...	...	...	...	...	...	Nil
1	Humford Mill Swimming Pool	...	...	...	...	...	...	1
1	Humford Mill Swimming Pool	...	...	...	...	...	...	17
1	Humford Mill Swimming Pool	..	...	...	...	...	...	25

40

NEW HOUSES COMPLETED DURING THE YEAR

By Local Authority	...	...	...	...	...	34
By any other Housing Authority	...	...	...	...	...	—
By Private Persons	...	...	...	...	..	56

SLUM CLEARANCE PROGRAMME

During the year 59 families have been rehoused from 57 houses, 8 of these found their own accommodation. This compares with 93 families in the previous year.

The overall total number of houses now disposed of is 2,328, but there are still some 600 houses in the district which can be classed as sub-standard and at the present rate of rehousing it will be ten years before we see the end of slum clearance.

STATISTICS FOR THE YEAR 1966

Numbr of Closing Orders made	...	...	...	25
Number of Demolition Orders made	...	...	...	76
Number of Orders determined	...	...	...	2
Number of Houses vacated	...	...	...	57
Number of Families rehoused	...	...	...	59
Number of Persons rehoused	...	...	...	165
Number of Houses demolished	...	...	...	37

HOUSES ON THE SLUM CLEARANCE PROGRAMME FROM WHICH FAMILIES HAVE BEEN REHOUSED (up to 31/12/66)

Bedlington

Ewart Hill	1
Glebe Road (East Side) ..	90
Catholic Row	18
Dowson's Buildings ..	10
Hartford Road West ...	1
Sun Inn Yard	6
Old Colliery Row	20
Bell's Place	21
Hollymount Cottages ...	3
Hollymount Hall	9
Vulcan Place	53
Bower's Buildings ..	4
Stoker's Buildings, Vulcan Place ...	7
Vicarage Terrace	3
Old Hall	12
Chapel Row, East End ...	1
Bedlington Bank ..	3
Murray's Yard	7
Baptist Yard	13
Wilson's Yard	1
Quarry Houses	2
Laird's Cottage	1
Foggan's Yard, West End ...	5
Foggan's Yard, East End ...	2
Rosella Place	4
Joyce's Yard	2
Front Street West	6
Front Street East	6
The Quav, East End	4
Stoker's Buildings, East End ...	4
Smith's Buildings, East End ...	4
Woodbine Cottage, East End ...	1
Hirst Head Cottages	3
Hirst Terrace	4
Deanery Street	1
Telephone Row	8
Cross Row	7
Hartford Bridge Cottage ...	1
Sunnyside, Choppington ...	20
Grand View, Choppington ...	6
Millbank Gardens	1

— 376

Bedlington Station

Ravensworth Terrace	...	...	...	...	...	...	37
North Row	...	...	...	...	...	...	40
South Row, Nos. 47—84	...	...	...	...	...	...	36
Shop Row	...	...	...	...	...	...	28
Wilkinson's Buildings	...	...	...	...	...	...	6
Red Row	...	...	...	...	...	...	51
Taylor's Buildings, Red Row	...	...	...	...	...	...	20
Bridge House	...	...	...	...	...	...	2
Bridge End	...	...	...	...	...	...	11
Dene House	...	...	...	...	...	...	8
Moorland Cottages	...	...	...	...	...	...	10
Liddle's Yard	...	...	...	...	...	...	13
Dene View	...	...	...	...	...	...	2
River View	...	...	...	...	...	...	3
School House	...	...	...	...	...	...	1
Puddler's Row	...	...	...	...	...	...	20
Cragg's Buildings	...	...	...	...	...	...	10
Staithe's Quay	...	...	...	...	...	...	3
Ivy Cottage	...	...	...	...	...	...	1
Institute House	...	...	...	...	...	...	1
							— 303

Barrington

Chapel Cottages	...	...	...	...	...	...	2
Chapel Row	...	...	...	...	...	...	21
Stone Row	...	...	...	...	...	...	12
Garden House	...	...	...	...	...	...	2
Parson's Cottage	...	...	...	...	...	...	1
School House	...	...	...	...	...	...	2
Railway Row	...	...	...	...	...	...	18
Office Row	...	...	...	...	...	...	3
Middle Row	...	...	...	...	...	...	14
Routledge's Buildings	...	...	...	...	...	...	17
Freehold Row	...	...	...	...	...	...	23
Double Row	...	...	...	...	...	...	20
Stable Cottages	...	...	...	...	...	...	1
Storey's Buildings, Choppington	...	...	...	...	...	...	6
Leaman's Buildings, Choppington	...	...	...	...	...	...	4
Station Bank, Choppington	...	...	...	...	...	...	2
Victoria Row	...	...	...	...	...	...	3
Alexandra Row	...	...	...	...	...	...	3
							— 154

Netherton

Clifton Row	31
Yard Row	90
Howard Row	60
Village	4
North Farm Cottage	1
Farm Cottages	5
Moor Cottage, Hartford	1
Office Row	3
Red House Farm	1
Red House Farm Caravan	1
Blue House Caravan	1
	<hr/> 198

Cambois

Caravan, Wansbeck Ferry	1
Railway Bungalows	4
New Row	10
Link End	2
Farm Cottages	2
Stable Cottages	1
Sinker's Row	12
Chapel Row	9
Store Row	9
	<hr/> 50

Choppington

Double Row, High Pit	10
Single Row, High Pit	13
Blackburn's Buildings	11
Strong's Buildings	24
First Row	24
Second Row	24
Third Row	22
Fourth Row	22
Fifth Row	18
Sixth Row	19
Seventh Row	14
Eighth Row	10
South Front Row	6
North Front Row	6
Forster's Buildings	6
Peter Gill's Cottages	6

Front Street, Scotland Gate	...	...	...	...	...	...	20
Colliery Square	...	...	...	...	...	...	2
Chapel Row	...	...	...	...	...	...	20
Rose Cottage	..	...	...	...	...	...	1
School Row	...	...	...	...	...	...	20
School House	...	...	...	...	...	...	2
Richardson's Buildings	...	...	...	...	...	...	6
Heslop's Buildings	...	...	...	...	...	...	2
Rutter's Buildings	...	...	...	...	...	...	21
Whinney Hill Cottages	...	...	...	...	...	...	2
Whinney Hill Cottage Farm	...	...	...	...	...	...	1
Whinney Hill No. 7	...	...	...	...	...	...	1
Pace Bush	...	...	...	...	...	...	3
Pringle's Buildings	...	...	...	...	...	...	1
						—	337

Guide Post

Cruddas Terrace	...	...	...	...	...	...	4
Sheepwash Bank	...	...	...	...	...	...	16
Front Street	...	...	...	...	...	...	10
Anvil Cottages	...	...	...	...	...	...	2
Freehold Terrace	...	...	...	...	...	...	37
High Street	...	...	...	...	...	...	10
Ford Terrace, Nos. 12, 12 $\frac{1}{2}$, 13	...	...	...	...	...	...	3
Tulip's Buildings	...	...	...	...	...	...	7
Byron Street	...	...	...	...	...	...	3
Rutherford Street	...	...	...	...	...	...	5
Gordon Street	...	...	...	...	...	...	1
Sawmill Cottages	...	...	...	...	...	...	2
Shaw's Buildings	...	...	...	...	...	...	7
Mowbray Terrace, Nos. 20, 20a, 21, 21a	...	...	...	...	...	...	4
Sheepwash Cottage	...	...	...	...	...	...	1
Woodbine Cottages	...	...	...	...	...	...	1
						—	113

Stakeford

Trojan Street	...	...	...	...	...	...	20
East View	...	...	...	...	...	...	11
Middle Row	...	...	...	...	...	...	14
North View	...	...	...	...	...	...	16
West View	...	...	...	...	...	...	13
Ivy Cottages	...	...	...	...	...	...	10
Moor Cottages	...	...	...	...	...	...	3
Farm Cottages, Bomarsund	...	...	...	...	...	...	4
Ord Terrace	...	...	...	...	...	...	2
Ellesmere Gardens	...	...	...	...	...	...	1
						—	94

West Sleekburn

Old School House ..	...	...	...	...	...	...	1
North Row ...	..	...	...	...	...	...	64
Liddle's Terrace ...	...	...	...	...	...	...	17
Marshe's Cottages ...	...	...	...	...	...	...	2
South Row ...	...	...	...	...	..	...	82
Institute Row	...	...	...	...	...	...	64
Store House ...	...	...	...	...	...	...	1
Walker's Terrace, East Sleekburn ...	...	...	...	...	...	...	4

— 235

Total Number of Private Houses demolished or closed ...	...	...	...	...	...	1,860
Demolished Council Houses, Eastgreen ...	...	...	...	...	...	50
Army Huts, Wansbeck Place	...	...	...	...	...	29
Army Huts, Hartford Camp	...	...	...	...	...	357
						<hr/> 2,296 <hr/>

INSPECTION AND REPAIR OF HOUSES

In addition to the inspection of dwellings for slum clearance purposes, 165 inspections were carried out on receipt of complaint of housing conditions. Informal notices were served in all cases and the following works carried out.

Repairs Effectuated

Roofs repaired	...	...	...	...	...	...	...	5
External walls repaired	...	...	...	...	...	...	...	3
Fallspouts and Eavesgutters renewed	...	...	...	...	...	...	...	5
Chimney stacks repaired	...	...	...	...	...	...	...	2
New pavings	...	...	...	...	...	...	...	6
Dampness remedied	...	...	...	...	...	...	...	8
Wallplaster repaired	...	...	...	...	...	...	...	3
Ceiling plaster repaired	...	...	...	...	...	...	...	4
Doors repaired	...	...	...	...	...	...	...	5
Floors renewed	...	...	...	...	...	...	...	7
Fireplaces renewed	...	...	...	...	...	...	...	4
Fireplaces and flues repaired	...	...	...	...	...	...	...	6
Water supply pipes repaired	...	...	...	...	...	...	...	2
Sink waste pipes repaired	...	...	...	...	...	...	...	3
Scullery benches renewed	...	...	...	...	...	...	...	2
Water Closet cisterns repaired	...	...	...	...	...	...	...	5
Water Closet cisterns renewed	...	...	...	...	...	...	...	2
Windows repaired	...	...	...	...	...	...	...	5
Drains cleared	...	...	...	...	...	...	...	3
New drains provided	...	...	...	...	...	...	...	2
Dustbins renewed	...	...	...	...	...	...	...	3

Houses without Flues

The problem of condensation in blocks of flats and single-storey dwellings built recently on modern housing estates in this district and indeed throughout the country has, in recent months, been a matter for grave concern.

These housing units vary only a little in plan. Some consist of one livingroom-cum-bedroom with bathroom and kitchenette, some have a folding door across the room to form a bedroom whilst others have two small rooms. Electric points are fitted for heating and very large windows provide equally large cooling areas.

There are no outlets other than the windows to carry away the moisture of bathing, washing, cooking, etc., and to offset heavy electricity bills paraffin stoves are brought into use. One gallon of paraffin burns to produce 10 pints of water. If a couple are both working, windows cannot be left open and, in any case, in cold weather with a north-east wind blowing it is often virtually impossible to have the windows open

The result is a tremendous amount of condensation on the cold surfaces in the room with severe dampness of walls, bedding, carpets, clothing in wardrobes, etc., accompanied by green and black mould.

These are houses without flues. The fault lies in planning and more consideration must be given to it by planning authorities. It is a national problem. Houses of this type will be the sub-standard houses of the near future.

RENT ACT, 1957

Applications for Certificates of Disrepair	...	...	...	Nil
Undertakings carried out by the owner	...	...	...	Nil
Certificates of Disrepair cancelled by the Council	...	...	...	Nil
Certificates in force	...	...	...	Nil

IMPROVEMENT GRANTS

A. Discretionary Grants—Housing (Financial Provisions) Act, 1958.

Houses considered for grant during the year	...	...	42
Number approved	...	...	41
Number rejected	...	...	1
Total amount of Grants approved	...	...	£10,269/0/0
Average Grant approved per house	...	...	£250/9/3
Total amount of Grants paid during the year	...	...	£5,072/0/0
Number of houses improved during the year	...	...	23

Works of Improvement

Internal w.c. provided	...	...	...	21
Bathroom with new bath, washhand basin and new drains provided	...	...	...	23
Hot water provided	...	...	...	22
Kitchenette provided	...	...	...	11
Ventilated food store provided	...	...	...	18
Wash-up sink provided	...	...	...	18
Electricity provided	...	...	...	21
New windows provided	...	...	...	8
New fireplaces provided	...	...	...	8

B. Standard Grants—House Purchase and Housing Act, 1959.

Applications—Approved during the year	...	...	...	13
Brought forward	...	...	...	9
Grants —Paid during the year	...	...	...	13
Total amount paid	...	...	...	£758/12/7
Outstanding at end of the year	...	...	...	9

Works of Improvement

Internal water closets provided	...	..	...	...	12
Hot water supply provided	...	...	...	...	4
Bath provided	...	...	...	...	2
Wash hand basin provided	...	...	..	...	2
Foodstore provided	...	...	...	...	3

Houses in which improvements have been completed since the commencement of the scheme

					Discretionary Grants Paid	Standard Grants Paid
1951	...	...	...	...	2	—
1952	...	...	...	...	—	—
1953	...	...	...	...	12	—
1954	...	...	...	...	17	—
1955	...	...	...	...	12	—
1956	...	...	...	...	24	—
1957	...	...	...	...	33	—
1958	..	...	...	...	127	—
1959	...	...	...	...	85	1
1960	...	...	...	...	130	1
1961	...	...	...	...	118	6
1962	...	...	...	...	127	1
1963	...	...	...	...	91	11
1964	...	...	...	...	36	26
1965	...	...	...	...	73	10
1966	...	...	...	...	23	13
TOTAL					910	69

FACTORIES ACTS, 1961

1.—Inspection for purposes of provisions as to health

Premises	Number on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by the Local Authority	11	122	1	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	97	67	1	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	—	—	—	—
Total	108	189	2	—

2.—Cases in which defects were found

Particulars	Found	Remedied	Referred		Cases in which prosecutions were instituted
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	—	—	—	—	—
Overcrowding	—	—	—	—	—
Unreasonable temperature ...	—	—	—	—	—
Inadequate ventilation ...	1	1	1	—	—
Ineffective drainage to floors...	—	—	—	—	—
Sanitary Conveniences:					
(a) Insufficient	1	1	—	1	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
Total	2	2	1	1	—

Outworkers

Nature of Work	Out-workers in August list	Cases of default in sending lists to the Council	Prosecutions for failure to supply lists	Instances of work in un-wholesome premises	Notices Served	Prosecutions
Wearing Apparel	10	—	—	—	—	—
All Other Outworkers	2	—	—	—	—	—
Total	12	—	—	—	—	—

SHOPS ACT, 1950

The following are the various kinds of shops within the district for the purposes of the Act.

Grocers and General Dealers	...	...	...	...	93
Greengrocers	...	...	...	...	3
Butchers	...	...	...	...	15
Fried Fish Shops	...	...	...	...	11
Wet Fish Shops	...	...	...	...	2
Bakers' Shops	...	...	...	...	6
Public Houses and Clubs	...	...	...	...	39
Off-Licence Premises	...	...	...	...	2
Chemists	...	...	...	...	6
Confectioners	...	...	...	...	9
Newsagents and Stationers	...	...	...	...	15
Drapers	...	...	...	...	22
Wool Shops	...	...	...	...	4
Boot and Shoe Retailers	...	...	...	...	5
Boot and Shoe Repairers	...	...	...	...	5
Hardware	...	...	...	...	8
House Furnishing	...	...	...	...	2
Jewellery and Fancy Goods	...	...	...	...	1
Optician	...	...	...	...	1
Ladies' Hairdressers	...	...	...	...	18
Gent's Hairdressers	...	...	...	...	9
Motor Cars and Accessories	...	...	...	...	12
Electrical Appliances	...	...	...	...	6
Handicraft Stores	...	...	...	...	3
Paints and Wallpaper	...	...	...	...	2
Departmental Store	...	...	...	...	1
Post Offices	...	...	...	...	7

Dry Cleaners	...	...	...	...	...	...	7
Betting Shops	...	...	...	...	...	...	17
Pet Shops	...	...	...	...	...	...	2
Travel Agents	...	...	...	...	...	...	1

In addition 40 travelling shops and 44 vans are operating from premises within the district whilst vehicles of various trades and businesses come from outside the district. These do not come within the scope of the Act for Sunday trading, etc.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

At the end of the year a total of 247 premises were on the register, 17 having been removed and 5 added during the twelve months.

A further 59 premises have received a general inspection, a total of 175 since the Act came into force. Work carried out as a result of notices served for contraventions is shown in the following table.

Cleanliness improved	...	...	...	...	...	2
Thermometers provided	...	...	...	...	...	15
Toilets repaired	...	...	...	...	...	2
Toilets lighted	...	...	...	...	...	4
Intervening spaces provided	...	...	...	...	...	1
Handwashing facilities provided	...	...	...	...	...	11
Meals facilities provided	...	...	...	...	...	1
Dangerous floors and staircases repaired	...	...	...	...	...	5
First Aid boxes provided	...	...	...	...	...	21
Abstracts of the Act provided	...	...	...	...	...	14

Two accidents were reported to the local authority during the year in accordance with Section 48. Full investigations were made but no further action was taken.

Persons Employed in Registered Premises

Class of Workplace	Number of Persons Employed
Offices	135
Retail Shops	553
Wholesale departments, warehouses ...	12
Catering Establishments open to the Public	121
Canteens	—
Fuel Storage Depots	—
TOTAL	821
Males and Females	278 Males 543 Females

REGISTRATIONS AND GENERAL INSPECTIONS

Class of Premises	Number of premises registered during the year	Number of registered premises at end of year	Number of registered premises receiving a general inspection during the year
Offices	2	37	7
Retail Shops	3	181	51
Wholesale shops, warehouses	—	2	—
Catering establishments open to the public, canteens ...	—	27	1
Fuel storage depots ...	—	—	—
TOTALS	5	247	59

INSPECTION AND SUPERVISION OF FOOD

Food Preparation Premises and Food Shops

The various types of food businesses in the district are:—

Grocers and General Dealers	...	...	...	...	93
Greengrocers	...	...	...	...	3
Butchers	...	...	...	...	15
Fried Fish Shops	...	...	...	...	11
Wet Fish Shops	...	...	...	...	2
Bakers' Shops	...	...	...	...	6
Bakeries (including pie makers)	...	...	...	...	7
Ice Cream Manufacturers	...	...	...	...	3
Public Houses and Clubs	...	...	...	...	39
Mineral Water Factories	...	...	...	...	2
Confectioners	...	...	...	...	9
Canteen Kitchens	...	...	...	...	16
Catering Depot	...	...	...	...	1

Regular inspections of these premises have been made during the year. Additional toilets with handwashing facilities have been provided at one public house and washing facilities at a fish frying premises.

Nine cases of foreign materials in food were all dealt with satisfactorily without resorting to legal action.

Foods Examined and Found to be Unfit for Human Consumption

Fruit	...	...	...	126 tins	Cereals	...	...	...	5 tins
Tomatoes	...	...	...	30 tins	Corned Beef	...	...	...	29 lbs.
Fish	...	...	...	8 tins	Cooked Ham	...	...	...	190 lbs.
Meats	...	...	...	48 tins	Chopped Pork	...	...	...	20 lbs.
Peas and Beans	...	...	...	28 tins	Tongue	...	...	...	18 lbs.
Vegetables	...	...	...	8 tins	Pork	...	...	...	16 lbs.
Soups	...	...	...	3 tins	Jellied Veal	...	...	...	12 lbs.
Milk	...	...	...	2599 tins	Cheese	...	...	...	68 lbs.
					Frozen Foods	...	...	...	359 packs

Milk Supply

The licensing of retailers of Pasteurised, Sterilised and Untreated milks and the taking of samples of milk is carried out by the County Health Department. Within the district 3 dealers are retailing Untreated milk, 12 retailing Pasteurised milk and 44 retailing Sterilised milk.

22 samples of Pasteurised milk were taken for bacteriological examination. All passed the methylene blue and phosphatase tests. Two samples of Untreated milk both passed the methylene blue test, but one of the samples was found to contain organisms of *Brucella abortus*. Individual samples have since been taken from the cows in the herd and all the milk is being pasteurised.

Ice Cream

Three premises are still registered under the Food and Drugs Act, 1955, for the manufacture of ice cream, two by the heat treatment method and one by the cold mix process.

73 shops are registered for the sale of ice cream and all conform to the standards required by the Food Hygiene (General) Regulations with hand-washing facilities, etc.

72 samples of ice cream were taken during the year for bacteriological examination by the Public Health Laboratory with the following satisfactory results.

Grade 1	...	...	...	...	59 samples
Grade 2	...	...	...	...	9 samples
Grade 3	...	...	...	...	4 samples
Grade 4	...	...	...	...	Nil

Legal proceedings were taken in one case where ice cream was being manufactured in unregistered and unsatisfactory premises.

MEAT INSPECTION

Meat Inspection

Three private slaughterhouses, used by four butchers, are still operating within the district. All are fully equipped and maintained in accordance with the Slaughterhouse (Hygiene) Regulations, 1958, and the Slaughter of Animals (Prevention of Cruelty) Regulations, 1958. Regular inspections are made by Veterinary Officers of the Ministry of Agriculture, Fisheries and Food.

A 100% inspection of all carcasses and offal has been maintained throughout the year and all carcasses stamped in accordance with the Meat Inspection Regulations, 1963. No charge is made for inspection.

Tuberculosis was found in only one animal, a cow, found to be generalised and totally condemned.

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART

	Steers	Heifers	Cows	Bulls	Calves	Sheep and Lambs	Pigs not Sows	Sows	Boars	Horses
Number killed and inspected ...	312	186	33	—	41	2,475	204	5	—	—
ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCOSIS										
Whole carcasses condemned ...	—	—	—	—	—	—	1	—	—	—
Carcases of which some diseased part or organ was condemned ...	56	31	11	—	2	44	56	—	—	—
Percentage of the Number inspected affected with disease other than tuberculosis and cysticercosis ...	17.95%	16.66%	33.3%	—	4.88%	1.77%	27.94%	—	—	—
TUBERCULOSIS ONLY										
Whole carcasses condemned ...	—	—	1	—	—	—	—	—	—	—
Carcases of which some part or organ was condemned ...	—	—	—	—	—	—	—	—	—	—
Percentage of the number inspected affected with tuberculosis ...	—	—	3.03%	—	—	—	—	—	—	—
CYSTICERCOSIS										
Carcases of which some part or organ was condemned ...	—	1	—	—	—	—	—	—	—	—
Carcases submitted to treatment by refrigeration ...	—	—	—	—	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—	—	—	—	—

MEAT AND ORGANS CONDEMNED AS BEING UNFIT FOR HUMAN CONSUMPTION

Bovine Animals

Whole Carcases...	...	1 cow (710 lbs.)	Generalised Tuberculosis.
Beef	...	...	Abscesses (36 lbs.).
Heads and Tongues	...		Cysticercus Bovis, 1.
Lungs	...	...	Abscesses, 3; Flukes, 27; Pleurisy, 16; Stomach Contents, 99.
Livers	...	...	Abscesses, 28 whole livers, 5 part livers; Angioma, 2 whole livers; Cirrhosis, 40 whole livers, 59 part livers; Fatty Infiltration, 1 whole liver; Hernia, 1 part liver; Inflammation, 2 part livers.
Hearts	...	...	Pericarditis, 2.
Kidneys	...	...	Nephritis, 1.
Skirts	...	...	Abscesses, 11; Inflammation, 3.
Spleens	...	...	Contamination, 1; Inflammation, 1.

Sheep

Livers	...	...	Adenoma, 1; Abscesses, 1; Cirrhosis, 3 whole and 6 part livers; Degenerated Cysts, 4 whole and 1 part liver; Fatty Infiltration, 1; Flukes, 3.
Lungs	...	...	Abscesses, 1; Pleurisy and Pneumonia, 25.
Hearts	...	...	Pericarditis, 2.

Pigs

Whole Carcases...	...	1 pig (52 lbs.)	Toxaemia.
Lungs	...	...	Pleurisy and Pneumonia, 56.
Livers	...	...	Milk Spots, 3.
Hearts	...	...	Pericarditis, 5.

